

10/533772

AMENDMENTS TO THE CLAIMS:

JC17 Rec'd PCT/PTO 04 MAY 2005

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1.(original) Microcircuit card including at least one data object, characterized in that it includes:

- a register (20) including a logical identifier (myCalculator) of said object and at least one first reference (0060H) of said object local to said card; and
- means (CardManager) adapted, on reception of a first message (lookup_APDU) including said logical identifier (myCalculator), to communicate at least one second local reference (K(0060H)= 0460H) obtained from said at least one first local reference (0060H).

2.(original) Microcircuit card according to claim 1, characterized in that it further includes means (bind) for publication of said logical identifier (myCalculator) and of said at least one first local reference (0060H) in said register (20) of the card.

3.(currently amended) Microcircuit card according to claim 2 ~~1 or claim 2~~, wherein said data object is a Java Card type object belonging to a Java Card applet (CalculatorApplet), the card being characterized in that said second local reference (0460H) of said data object conforms to the Java Card standard.

4.(currently amended) Microcircuit card according to ~~claims 2 and~~ claim 3, characterized in that said publication is performed at the initialization of said applet (CalculatorApplet).

5.(currently amended) Microcircuit card according to claim 3 ~~or claim 4~~, characterized in that the communication means (card manager) are adapted to communicate an identifier (A000000000H) of said applet on reception of said first message (lookup_APDU).

6.(currently amended) Microcircuit card according to claim 1 ~~any one of claims 1 to 5~~, characterized in that said data object is a computer program (myCalculator), a variable (date) or a computer file (CARD_HOLDER).

7.(currently amended) Microcircuit card according to claim 1 ~~any one of claims 1 to 6~~, characterized in that, on reception of a second message (get_bound_objects_APDU), said communication means communicate all the logical identifiers contained in said register (20).

8.(currently amended) Microcircuit card according to claim 1 ~~any one of claims 1 to 7~~, characterized in that said second local reference (A000000000H) is said first local reference (A000000000H).

9.(currently amended) Microcircuit card according to claim 1 ~~any one of claims 1 to 7~~, characterized in that said second local reference (0460H) is temporary and is obtained by

encrypting the first local reference (0060H) using an encryption key (KEY) of the microcircuit card.

10.(original) Computer (terminal) equipment of terminal type including means (CPU, ROM, RAM) adapted to implement a software application (DesktopApp) including at least one first instruction for using at least one data object in a microcircuit card, characterized in that said at least one first instruction uses a logical identifier (myCalculator) of said object and the computer equipment includes:

- means (CardNaming.lookup) for obtaining, from said logical identifier (myCalculator), at least one second local reference (K(0060H) = 0460H) obtained by the microcircuit card from a first reference (0060H) of said data object local to said card,

- means (proxy, invoke) for translating said at least one first instruction into at least one second instruction that can be executed on said card, said at least one second instruction using said at least one second local reference (0460H), and

- communication means adapted to communicate said at least one second instruction to said card for said use.

11.(original) Computer equipment according to claim 10, wherein said data object is a Java Card type object belonging to a Java Card applet (CalculatorApplet) of the microcircuit card, which computer equipment is characterized in that the obtaining

means (CardNaming.lookup) are adapted to obtain a second reference (0460H) conforming to the Java Card standard obtained by said card from a first reference (0060H) of said data object.

12.(original) Computer equipment according to claim 10, characterized in that the obtaining means (CardNamingAPI lookup) are adapted to obtain an identifier (A000000000H) of said applet (CalculatorApplet).

13.(currently amended) Computer equipment according to claim 10 ~~any one of claims 10 to 12~~, characterized in that said data object is a computer program (myCalculator), a variable (date) or a computer file (CARD_HOLDER).

14.(currently amended) Computer equipment according to claim 10 ~~any one of claims 10 to 13~~, characterized in that it further includes means (BindingService) for publication, in a register (standard RMI Registry) of said computer system terminal, a buffer object (remoteCalculator) including an interface identical to that of the data object of the card, that buffer object being adapted to translate (invokeMethod) an instruction executing on a third-party system and using said logical identifier into at least one second instruction that can be executed on said card and uses said second local reference (0460H).

15.(original) Computer equipment according to claim 14, characterized in that the publication means (BindingService) are adapted to obtain and to publish in the register (standard RMI

Registry) of said computer system terminal all the buffer objects of the data objects published by said card.

16.(currently amended) Computer equipment according to claim 14 ~~or claim 15~~, characterized in that said data object is a Java Card type object and said register (Java2 SE RMI Registry) conforms to the "Java standard RMI registry" standard.

17.(new) Computer equipment according to claim 15, characterized in that said data object is a Java Card type object and said register (Java2 SE RMI Registry) conforms to the "Java standard RMI registry" standard.

18.(new) Microcircuit card according to claim 1, wherein said data object is a Java Card type object belonging to a Java Card applet (CalculatorApplet), the card being characterized in that said second local reference (0460H) of said data object conforms to the Java Card standard.